

# Interventional Left Ventricular Assist System for PCI in CHIP Patients

NCT07053618

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<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Suzhou Hengruihongyuan Medical Technology Co. LTD
<b>Enrollment</b>	286 participants

## Key Eligibility Criteria

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### Inclusion (9)

- \. Aged 18-90 2. The investigator assesses that the subject requires coronary revascularization, but CABG (Coronary Artery Bypass Grafting) is considered high-risk or the subject refuses CABG. The investigator believes the subject may benefit from PCI (Percutaneous Coronary Intervention).
- \. Left ventricular ejection fraction (LVEF)  $\geq$  35%. 4. Coronary angiography (CAG) or coronary computed tomography angiography (CTA) shows any of the following conditions:
- Unprotected left main (LM) coronary artery disease (coronary stenosis  $\geq$  50%).
- A last remaining patent coronary artery (the anterior descending artery (LAD) and/or its branches, the circumflex artery (LCX) and/or its branches, and the right coronary artery (RCA) and/or its branches).
- Saphenous vein graft (SVG) vascular lesions.

... and 4 more (see full listing online)

### Exclusion (22)

- Cardiogenic shock (CS) within 7 days (Cardiogenic shock: Sustained SBP  $<$ 90 mmHg for  $\geq$ 30 min or requiring supportive measures to maintain SBP  $>$ 90 mmHg and end-organ hypoperfusion (urine output  $<$ 30 ml/h or cool extremities).
- STEMI or CK-MB did not return to the normal range within 24 hours.
- Cardiac arrest with cardiopulmonary resuscitation within 24 hours.
- Left ventricular mural thrombus.
- After aortic valve replacement surgery (mechanical, bioprosthetic).

... and 17 more (see full listing online)

## Locations (15 total)

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Beijing Tsinghua Changgung Hospital, Beijing, Beijing Municipality, China  
Zhongshan Hospital Affiliated to Xiamen University, Xiamen, Fujian, China  
The First Hospital of Lanzhou University, Lanzhou, Gansu, China

... and 12 more locations

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<https://clinicaltrials.gov/study/NCT07053618>

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